

ILLEGIB

30 July 1963

MEMORANDUM FOR: (Chairman, Technical Development Committee
THROUGH : Executive Secretary, TDC
SUBJECT : Staff Study - Change of Scope of Contract
for a [] Comparator

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1. PROBLEM:

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To increase the versatility of the microscope viewing system for the [] 880 Comparator and provide film brackets to handle additional film widths.

2. FACTS:

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At the time of the original negotiations with the [] for the 880 Comparator, only a monocular viewing microscope was available. Since then, they have developed a binocular viewing system with a increased magnification range. In addition, only one set of film spool adapters was to be provided.

3. DISCUSSION OF THE FACTS:

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STATINTL The monocular viewing system as specified in the contract, has long been a fatigue factor in the operation of comparators, hence reducing the operator's efficiency and ability to point properly. Previous binocular viewing attempts have proven unsuccessful, but [] has recently developed a new microscope assembly which is acceptable. In addition, to reducing operator fatigue, it has an increased range of magnification and will better fill our requirements. The increase in cost for the binocular system is [] It is also desirable to procure separate film spool adapters for each film width anticipated. This can best be done prior to delivery of the equipment. The additional spool sizes would include 70mm, 5 inch, 6.6 inch and 8 inch, as well as the 9 1/2 inch spools. The additional cost of the adapters is []

4. CONCLUSION:

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The binocular microscope will produce a superior viewing system over the proposed viewing system and should be included on the comparator. The additional film spool adapters are required to handle the variety of film widths available.

DECLASS REVIEW by NIMA/DOD

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5. RECOMMENDATIONS:

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It is recommended that the [] contract be modified to replace the monocular viewing system with the new binocular system and to provide four (4) additional film spool adapters at an increase of [] in the contract price.

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Development Branch, P&DS